SCORE Search Results Details for Application 10552515 and Search Result 20080630_144103_us-10-552-515-10.rai.

This page gives you Search Results detail for the Application 10552515 and Search Result 20080630_144103_us-10-552-515-10.rai.

Go Back to previous page

GenCore version 6.2.1

OM protein - protein search, using sw model

Run on: June 30, 2008, 17:46:21 ; Search time 40 Seconds
(without alignments)
42.303 Million cell updates/sec

Title: US-10-552-515-10
Perfect score: 44
Sequence: 1 KIYVSLAHV 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1143754 seqs, 186252778 residues

Total number of hits satisfying chosen parameters: 1143754

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /ABSS/Data/CRF/ptodata/1/iaa/5_COMB.pep:*
2: /ABSS/Data/CRF/ptodata/1/iaa/6_COMB.pep:*
3: /ABSS/Data/CRF/ptodata/1/iaa/7_COMB.pep:*
4: /ABSS/Data/CRF/ptodata/1/iaa/H_COMB.pep:*
5: /ABSS/Data/CRF/ptodata/1/iaa/PCTUS_COMB.pep:*
6: /ABSS/Data/CRF/ptodata/1/iaa/RE_COMB.pep:*
7: /ABSS/Data/CRF/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

%

Result No.	Score	Query Match	Length	DB	ID	Description
1	34	77.3	389	3	US-10-369-493-10502	Sequence 10502, A
2	33	75.0	110	3	US-10-703-032-129843	Sequence 129843,
3	33	75.0	566	1	US-08-666-367B-5	Sequence 5, Appli
4	33	75.0	566	2	US-09-143-438-5	Sequence 5, Appli
5	32	72.7	292	3	US-10-703-032-107936	Sequence 107936,
6	32	72.7	527	3	US-10-369-493-7810	Sequence 7810, Ap
7	32	72.7	1414	3	US-10-667-891-2	Sequence 2, Appli
8	31	70.5	77	3	US-10-703-032-144572	Sequence 144572,
9	31	70.5	103	2	US-09-248-796A-26386	Sequence 26386, A
10	31	70.5	212	3	US-10-703-032-174397	Sequence 174397,
11	31	70.5	284	2	US-09-252-991A-29913	Sequence 29913, A
12	31	70.5	483	2	US-09-106-194-4	Sequence 4, Appli
13	31	70.5	519	2	US-09-949-016-9399	Sequence 9399, Ap
14	31	70.5	525	2	US-09-773-426A-1	Sequence 1, Appli
15	31	70.5	525	2	US-10-314-881-1	Sequence 1, Appli
16	31	70.5	525	2	US-09-495-823-1	Sequence 1, Appli
17	31	70.5	525	3	US-10-426-776-10	Sequence 10, Appl
18	31	70.5	525	3	US-10-123-292-56	Sequence 56, Appl
19	31	70.5	525	3	US-10-152-398-56	Sequence 56, Appl
20	31	70.5	525	3	US-10-123-907-56	Sequence 56, Appl
21	31	70.5	525	3	US-10-147-512-56	Sequence 56, Appl
22	31	70.5	525	3	US-10-147-485-56	Sequence 56, Appl
23	31	70.5	525	3	US-10-124-814-56	Sequence 56, Appl
24	31	70.5	525	3	US-10-124-822-56	Sequence 56, Appl
25	31	70.5	525	3	US-10-131-833A-56	Sequence 56, Appl
26	31	70.5	525	3	US-10-142-419-56	Sequence 56, Appl
27	31	70.5	525	3	US-10-152-375-56	Sequence 56, Appl
28	31	70.5	525	3	US-10-131-818A-56	Sequence 56, Appl
29	31	70.5	525	3	US-10-145-873-56	Sequence 56, Appl
30	31	70.5	525	3	US-10-152-395-56	Sequence 56, Appl
31	31	70.5	525	3	US-10-131-822A-56	Sequence 56, Appl
32	31	70.5	525	3	US-10-142-763-56	Sequence 56, Appl
33	31	70.5	525	3	US-10-128-694A-56	Sequence 56, Appl
34	31	70.5	525	3	US-10-123-213-56	Sequence 56, Appl
35	31	70.5	525	3	US-10-123-909-56	Sequence 56, Appl
36	31	70.5	525	3	US-10-131-826A-56	Sequence 56, Appl
37	31	70.5	525	3	US-10-147-513-56	Sequence 56, Appl
38	31	70.5	525	3	US-10-121-043-56	Sequence 56, Appl
39	31	70.5	525	3	US-10-139-980-56	Sequence 56, Appl
40	31	70.5	525	3	US-10-131-819A-56	Sequence 56, Appl
41	31	70.5	525	3	US-10-123-212-56	Sequence 56, Appl
42	31	70.5	525	3	US-10-131-813A-56	Sequence 56, Appl
43	31	70.5	525	3	US-10-140-021-56	Sequence 56, Appl
44	31	70.5	525	3	US-10-137-869A-56	Sequence 56, Appl
45	31	70.5	525	3	US-10-140-923-56	Sequence 56, Appl

ALIGNMENTS

RESULT 1
US-10-369-493-10502
; Sequence 10502, Application US/10369493

```
; Patent No. 7314974
; GENERAL INFORMATION:
;  APPLICANT: Cao, Yongwei
;  APPLICANT:  Hinkle, Gregory J.
;  APPLICANT:  Slater, Steven C.
;  APPLICANT:  Goldman, Barry S.
;  APPLICANT:  Chen, Xianfeng
;  TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
;  TITLE OF INVENTION:  PLANTS WITH IMPROVED PROPERTIES
;  FILE REFERENCE: 38-10(52052)B
;  CURRENT APPLICATION NUMBER: US/10/369,493
;  CURRENT FILING DATE:  2003-02-28
;  PRIOR APPLICATION NUMBER: US 60/360,039
;  PRIOR FILING DATE: 2002-02-21
;  NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 10502
;   LENGTH: 389
;   TYPE: PRT
;   ORGANISM: Sphingomonas aromaticivorans
US-10-369-493-10502

  Query Match             77.3%;  Score 34;  DB 3;  Length 389;
  Best Local Similarity   66.7%;  Pred. No. 81;
  Matches    6;  Conservative    2;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 KIYVSLAHV 9
              ||: |||:
Db        159 KIWTSLAHI 167


RESULT 2
US-10-703-032-129843
; Sequence 129843, Application US/10703032
; Patent No. 7214786
; GENERAL INFORMATION:
;  APPLICANT: Kovalic, David K.
;  APPLICANT:  Andersen, Scott E.
;  APPLICANT:  Byrum, Joseph R.
;  APPLICANT:  Conner, Timothy W.
;  APPLICANT:  Cao, Yongwei
;  APPLICANT:  Masucci, James D.
;  APPLICANT:  Zhou, Yihua
;  TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
;  TITLE OF INVENTION:  Plants
;  FILE REFERENCE: 38-21(53374)B
;  CURRENT APPLICATION NUMBER: US/10/703,032
;  CURRENT FILING DATE:  2003-11-06
;  PRIOR APPLICATION NUMBER: 10/020,338
;  PRIOR FILING DATE: 2001-12-12
;  NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 129843
;   LENGTH: 110
;   TYPE: PRT
;   ORGANISM: Triticum aestivum
;   FEATURE:
```

```
;   NAME/KEY: unsure
;   LOCATION: (1)..(110)
;   OTHER INFORMATION: unsure at all Xaa locations
;   FEATURE:
;   OTHER INFORMATION: Clone ID: PAT_TA_24261.pep
US-10-703-032-129843

  Query Match             75.0%;  Score 33;  DB 3;  Length 110;
  Best Local Similarity   66.7%;  Pred. No. 33;
  Matches    6;  Conservative    1;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 KIYVSLAHV 9
              | |:| |||
Db          6 KXYISAAHV 14


RESULT 3
US-08-666-367B-5
; Sequence 5, Application US/08666367B
; Patent No. 5854042
;  GENERAL INFORMATION:
;    APPLICANT:  Shuichi TSUJI et al.
;    TITLE OF INVENTION:  NOVEL SUGAR-CHAIN SYNTHETASE AND PROCESS FOR
;    TITLE OF INVENTION:  PRODUCING THE SAME
;    NUMBER OF SEQUENCES:  8
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Wenderoth, Lind & Ponack
;      STREET:  805 Fifteenth Street, N.W., #700
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  U.S.A.
;      ZIP:  20005
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette, 3.5 inch, 1.44 mb
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  MS-DOS
;      SOFTWARE:  Wordperfect 5.1
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/666,367B
;      FILING DATE:  August 19, 1996
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Warren M. Cheek, Jr.
;      REGISTRATION NUMBER:  33,367
;      REFERENCE/DOCKET NUMBER:
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  202-371-8850
;      TELEFAX:
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  5:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  566 amino acids
;      TYPE:  amino acid
```

```
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
US-08-666-367B-5

  Query Match             75.0%;  Score 33;  DB 1;  Length 566;
  Best Local Similarity   66.7%;  Pred. No. 2e+02;
  Matches    6;  Conservative    2;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 KIYVSLAHV 9
              ||| |:||:
Db         46 KIYQSIAHM 54


RESULT 4
US-09-143-438-5
; Sequence 5, Application US/09143438
; Patent No. 6218161
;  GENERAL INFORMATION:
;    APPLICANT:  Shuichi TSUJI et al.
;    TITLE OF INVENTION:  NOVEL SUGAR-CHAIN SYNTHETASE AND PROCESS FOR
;    TITLE OF INVENTION:  PRODUCING THE SAME
;    NUMBER OF SEQUENCES:  8
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Wenderoth, Lind & Ponack, L.L.P.
;      STREET:  2033 K Street, N.W., #800
;      CITY:  Washington
;      STATE:  D.C.
;      COUNTRY:  U.S.A.
;      ZIP:  20006
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette, 3.5 inch, 1.44 mb
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  MS-DOS
;      SOFTWARE:  Wordperfect 5.1
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/143,438
;      FILING DATE:  August 28, 1998
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/666,367
;      FILING DATE:  August 19, 1996
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Warren M. Cheek, Jr.
;      REGISTRATION NUMBER:  33,367
;      REFERENCE/DOCKET NUMBER:
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  202-721-8200
;      TELEFAX:  202-721-8250
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  5:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  566 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
```

US-09-143-438-5

  Query Match   75.0%; Score 33; DB 2; Length 566;
  Best Local Similarity   66.7%; Pred. No. 2e+02;
  Matches   6; Conservative   2; Mismatches   1; Indels   0; Gaps   0;

Qy   1 KIYVSLAHV 9
              ||| |:||:
Db   46 KIYQSIAHM 54

RESULT 5
US-10-703-032-107936
; Sequence 107936, Application US/10703032
; Patent No. 7214786
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Andersen, Scott E.
; APPLICANT: Byrum, Joseph R.
; APPLICANT: Conner, Timothy W.
; APPLICANT: Cao, Yongwei
; APPLICANT: Masucci, James D.
; APPLICANT: Zhou, Yihua
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53374)B
; CURRENT APPLICATION NUMBER: US/10/703,032
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: 10/020,338
; PRIOR FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 107936
;   LENGTH: 292
;   TYPE: PRT
;   ORGANISM: Triticum aestivum
;   FEATURE:
;   OTHER INFORMATION: Clone ID: PAT_TA_2354.pep
US-10-703-032-107936

  Query Match   72.7%; Score 32; DB 3; Length 292;
  Best Local Similarity   75.0%; Pred. No. 1.6e+02;
  Matches   6; Conservative   1; Mismatches   1; Indels   0; Gaps   0;

Qy   1 KIYVSLAH 8
              | ||:|||
Db   246 KAYVTLAH 253

RESULT 6
US-10-369-493-7810
; Sequence 7810, Application US/10369493
; Patent No. 7314974
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.

```
;  APPLICANT:  Goldman, Barry S.
;  APPLICANT:  Chen, Xianfeng
;  TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
;  TITLE OF INVENTION:  PLANTS WITH IMPROVED PROPERTIES
;  FILE REFERENCE: 38-10(52052)B
;  CURRENT APPLICATION NUMBER: US/10/369,493
;  CURRENT FILING DATE:  2003-02-28
;  PRIOR APPLICATION NUMBER: US 60/360,039
;  PRIOR FILING DATE: 2002-02-21
;  NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 7810
;   LENGTH: 527
;   TYPE: PRT
;   ORGANISM: Rhodobacter sphaeroides
US-10-369-493-7810

  Query Match             72.7%;  Score 32;  DB 3;  Length 527;
  Best Local Similarity   50.0%;  Pred. No. 3e+02;
  Matches    4;  Conservative    4;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 IYVSLAHV 9
              :|:|:||:
Db        304 VYISMAHL 311


RESULT 7
US-10-667-891-2
; Sequence 2, Application US/10667891
; Patent No. 7067259
; GENERAL INFORMATION:
;  APPLICANT: ROTH, CHARLES W.
;  APPLICANT:  BREY, PAUL T.
;  APPLICANT:  HOLM, INGE
;  APPLICANT:  GRAILLES, MARINE
;  APPLICANT:  RZHETSKY, ANDREY
;  TITLE OF INVENTION: MULTIDRUG RESISTANCE PROTEINS IN DROSOPHILA AND
;  TITLE OF INVENTION:  ANOPHELES
;  FILE REFERENCE: 03495.0294-00000
;  CURRENT APPLICATION NUMBER: US/10/667,891
;  CURRENT FILING DATE:  2003-09-23
;  PRIOR APPLICATION NUMBER: 60/413,469
;  PRIOR FILING DATE: 2002-09-26
;  NUMBER OF SEQ ID NOS: 76
;  SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 2
;   LENGTH: 1414
;   TYPE: PRT
;   ORGANISM: Anopheles gambiae
US-10-667-891-2

  Query Match             72.7%;  Score 32;  DB 3;  Length 1414;
  Best Local Similarity   71.4%;  Pred. No. 8.7e+02;
  Matches    5;  Conservative    2;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          3 YVSLAHV 9
```

```
                |:|:|||
Db        1248 YISIAHV 1254


RESULT 8
US-10-703-032-144572
; Sequence 144572, Application US/10703032
; Patent No. 7214786
; GENERAL INFORMATION:
;  APPLICANT: Kovalic, David K.
;  APPLICANT:  Andersen, Scott E.
;  APPLICANT:  Byrum, Joseph R.
;  APPLICANT:  Conner, Timothy W.
;  APPLICANT:  Cao, Yongwei
;  APPLICANT:  Masucci, James D.
;  APPLICANT:  Zhou, Yihua
;  TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
;  TITLE OF INVENTION:  Plants
;  FILE REFERENCE: 38-21(53374)B
;  CURRENT APPLICATION NUMBER: US/10/703,032
;  CURRENT FILING DATE:  2003-11-06
;  PRIOR APPLICATION NUMBER: 10/020,338
;  PRIOR FILING DATE: 2001-12-12
;  NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 144572
;   LENGTH: 77
;   TYPE: PRT
;   ORGANISM: Triticum aestivum
;   FEATURE:
;   OTHER INFORMATION: Clone ID: PAT_TA_38990.pep
US-10-703-032-144572

  Query Match             70.5%;  Score 31;  DB 3;  Length 77;
  Best Local Similarity   75.0%;  Pred. No. 59;
  Matches    6;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 IYVSLAHV 9
              |||| ||:
Db         15 IYVSHAHI 22


RESULT 9
US-09-248-796A-26386
; Sequence 26386, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
;  APPLICANT: Keith Weinstock et al
;  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICANS
;  TITLE OF INVENTION:  FOR DIAGNOSTICS AND THERAPEUTICS
;  FILE REFERENCE: 107196.132
;  CURRENT APPLICATION NUMBER: US/09/248,796A
;  CURRENT FILING DATE:  1999-02-12
;  PRIOR APPLICATION NUMBER: US 60/074,725
;  PRIOR FILING DATE: 1998-02-13
;  PRIOR APPLICATION NUMBER: US 60/096,409
;  PRIOR FILING DATE: 1998-08-13
```

```
;  NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 26386
;   LENGTH: 103
;   TYPE: PRT
;   ORGANISM: Candida albicans
US-09-248-796A-26386

  Query Match             70.5%;  Score 31;  DB 2;  Length 103;
  Best Local Similarity   55.6%;  Pred. No. 81;
  Matches    5;  Conservative    2;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 KIYVSLAHV 9
              |||:|  |:
Db         48 KIYISSIHI 56


RESULT 10
US-10-703-032-174397
; Sequence 174397, Application US/10703032
; Patent No. 7214786
; GENERAL INFORMATION:
;  APPLICANT: Kovalic, David K.
;  APPLICANT:  Andersen, Scott E.
;  APPLICANT:  Byrum, Joseph R.
;  APPLICANT:  Conner, Timothy W.
;  APPLICANT:  Cao, Yongwei
;  APPLICANT:  Masucci, James D.
;  APPLICANT:  Zhou, Yihua
;  TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
;  TITLE OF INVENTION:  Plants
;  FILE REFERENCE: 38-21(53374)B
;  CURRENT APPLICATION NUMBER: US/10/703,032
;  CURRENT FILING DATE:  2003-11-06
;  PRIOR APPLICATION NUMBER: 10/020,338
;  PRIOR FILING DATE: 2001-12-12
;  NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 174397
;   LENGTH: 212
;   TYPE: PRT
;   ORGANISM: Triticum aestivum
;   FEATURE:
;   OTHER INFORMATION: Clone ID: PAT_TA_68815.pep
US-10-703-032-174397

  Query Match             70.5%;  Score 31;  DB 3;  Length 212;
  Best Local Similarity   66.7%;  Pred. No. 1.8e+02;
  Matches    6;  Conservative    1;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 KIYVSLAHV 9
              || ||| |:
Db         69 KILVSLGHI 77


RESULT 11
US-09-252-991A-29913
```

```
; Sequence 29913, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
;  APPLICANT:  Marc J. Rubenfield et al.
;  TITLE OF INVENTION:  NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
;  TITLE OF INVENTION:  AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
;  FILE REFERENCE:  107196.136
;  CURRENT APPLICATION NUMBER: US/09/252,991A
;  CURRENT FILING DATE:  1999-02-18
;  PRIOR APPLICATION NUMBER:  US 60/074,788
;  PRIOR FILING DATE:  1998-02-18
;  PRIOR APPLICATION NUMBER:  US 60/094,190
;  PRIOR FILING DATE:  1998-07-27
;  NUMBER OF SEQ ID NOS:  33142
; SEQ ID NO 29913
;   LENGTH: 284
;   TYPE: PRT
;   ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-29913

  Query Match             70.5%;  Score 31;  DB 2;  Length 284;
  Best Local Similarity   66.7%;  Pred. No. 2.5e+02;
  Matches    6;  Conservative    2;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 KIYVSLAHV 9
              :|||: |||
Db        236 RIYVNEAHV 244


RESULT 12
US-09-106-194-4
; Sequence 4, Application US/09106194
; Patent No. 6262234
;  GENERAL INFORMATION:
;    APPLICANT:  Holloway, James
;    APPLICANT:  Jelinek, Laura
;    APPLICANT:  Durnam, Diane
;    APPLICANT:  Blumberg, Hal
;    TITLE OF INVENTION:  NOVEL NUCLEAR RECEPTOR POLYPEPTIDE
;    TITLE OF INVENTION:  ZPPAR4
;    NUMBER OF SEQUENCES:  11
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  ZymoGenetics, Inc.
;      STREET:  1201 Eastlake Avenue East
;      CITY:  Seattle
;      STATE:  WA
;      COUNTRY:  USA
;      ZIP:  98102
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  DOS
;      SOFTWARE:  FastSEQ for Windows Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/106,194
;      FILING DATE:
```

```
;       CLASSIFICATION:
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:
;       FILING DATE:
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Leith, Debra K
;       REGISTRATION NUMBER:  32,619
;       REFERENCE/DOCKET NUMBER:  96-11
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  206-442-6674
;       TELEFAX:  206-442-6678
;       TELEX:
;   INFORMATION FOR SEQ ID NO:  4:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  483 amino acids
;       TYPE:  amino acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  peptide
US-09-106-194-4

  Query Match             70.5%;  Score 31;  DB 2;  Length 483;
  Best Local Similarity   66.7%;  Pred. No. 4.4e+02;
  Matches    6;  Conservative    1;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 KIYVSLAHV 9
              ||| :| ||
Db        411 KIYFALQHV 419


RESULT 13
US-09-949-016-9399
; Sequence 9399, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
;  APPLICANT: VENTER, J. Craig et al.
;  TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
;  TITLE OF INVENTION:  WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
;  FILE REFERENCE: CL001307
;  CURRENT APPLICATION NUMBER: US/09/949,016
;  CURRENT FILING DATE:  2000-04-14
;  PRIOR APPLICATION NUMBER: 60/241,755
;  PRIOR FILING DATE: 2000-10-20
;  PRIOR APPLICATION NUMBER: 60/237,768
;  PRIOR FILING DATE: 2000-10-03
;  PRIOR APPLICATION NUMBER: 60/231,498
;  PRIOR FILING DATE: 2000-09-08
;  NUMBER OF SEQ ID NOS: 207012
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 9399
;   LENGTH: 519
;   TYPE: PRT
;   ORGANISM: Human
US-09-949-016-9399
```

```
  Query Match             70.5%;  Score 31;  DB 2;  Length 519;
  Best Local Similarity   66.7%;  Pred. No. 4.7e+02;
  Matches    6;  Conservative    1;  Mismatches    2;  Indels    0;  Gaps    0;

Qy          1 KIYVSLAHV 9
              ||| :| ||
Db        447 KIYFALQHV 455


RESULT 14
US-09-773-426A-1
; Sequence 1, Application US/09773426A
; Patent No. 6534302
; GENERAL INFORMATION:
;  APPLICANT: Glucksman, Maria Alexandra
;  APPLICANT:  Williamson, Mark
;  APPLICANT:  Tsia, Fong-Ying
;  APPLICANT:  Rudolph-Owen, Laura A.
;  TITLE OF INVENTION: 22438, 23553, 25278, and 26212 No. 6534302el
;  TITLE OF INVENTION:  Human Sulfatases (A CIP Application)
;  FILE REFERENCE: 35800/208398(5800-79
;  CURRENT APPLICATION NUMBER: US/09/773,426A
;  CURRENT FILING DATE:  2001-01-31
;  PRIOR APPLICATION NUMBER: US 09/495,823
;  PRIOR FILING DATE: 2000-01-31
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
;   LENGTH: 525
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-09-773-426A-1

  Query Match             70.5%;  Score 31;  DB 2;  Length 525;
  Best Local Similarity   62.5%;  Pred. No. 4.8e+02;
  Matches    5;  Conservative    3;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 IYVSLAHV 9
              :||:|||:
Db        243 LYVALAHM 250


RESULT 15
US-10-314-881-1
; Sequence 1, Application US/10314881
; Patent No. 6767727
; GENERAL INFORMATION:
;  APPLICANT: Glucksman, Maria Alexandra
;  APPLICANT:  Williamson, Mark
;  APPLICANT:  Tsia, Fong-Ying
;  APPLICANT:  Rudolph-Owen, Laura A.
;  TITLE OF INVENTION: 22438, 23553, 25278, and 26212 No. 6767727el
;  TITLE OF INVENTION:  Human Sulfatases (A CIP Application)
;  FILE REFERENCE: 35800/208398(5800-79
;  CURRENT APPLICATION NUMBER: US/10/314,881
;  CURRENT FILING DATE:  2002-12-09
```

```
;  PRIOR APPLICATION NUMBER: US/09/773,426
;  PRIOR FILING DATE: 2001-01-31
;  PRIOR APPLICATION NUMBER: US 09/495,823
;  PRIOR FILING DATE: 2000-01-31
;  NUMBER OF SEQ ID NOS: 14
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
;   LENGTH: 525
;   TYPE: PRT
;   ORGANISM: homo sapiens
US-10-314-881-1

  Query Match             70.5%;  Score 31;  DB 2;  Length 525;
  Best Local Similarity   62.5%;  Pred. No. 4.8e+02;
  Matches    5;  Conservative    3;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 IYVSLAHV 9
              :||:|||:
Db        243 LYVALAHM 250


Search completed: June 30, 2008, 17:51:38
Job time : 39.625 secs
```